FIG.1 Related Art

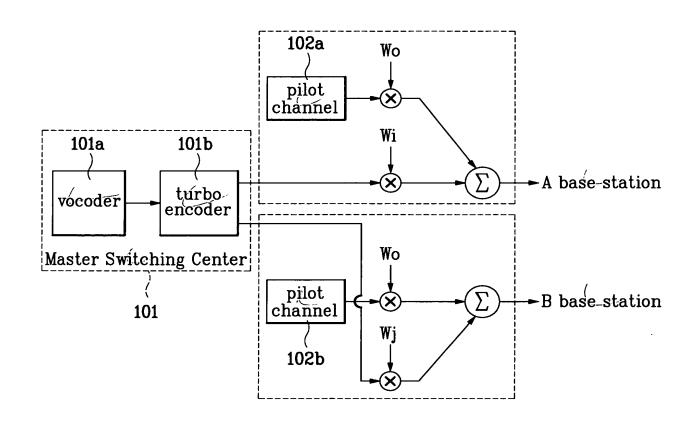


FIG.2 Related Art

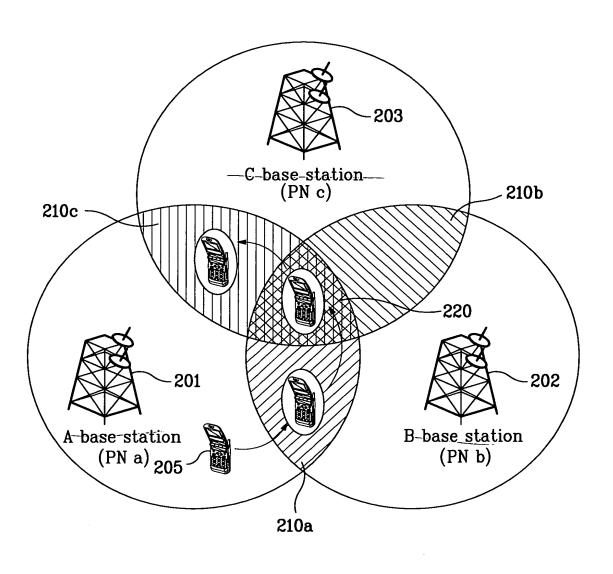


FIG.3 Related Art

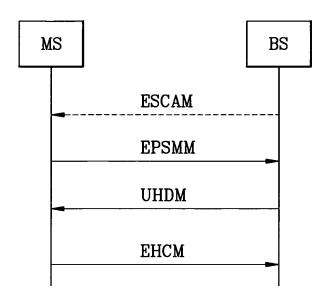


FIG.4 Related Art

Field	Length(bits)
NUM_PILOTS	6

NUM_PILOTS occurrences of the following record:

PILOT_PN	9
PUNCTURE_PATTERN	2

FIG.5

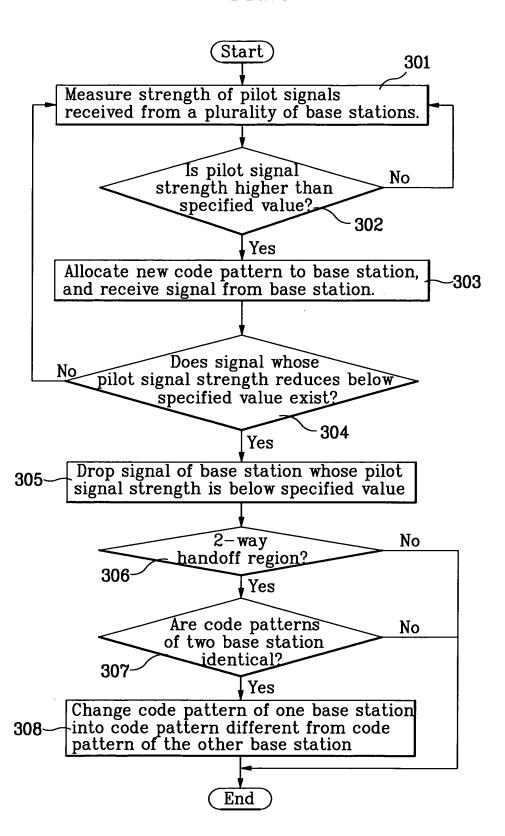


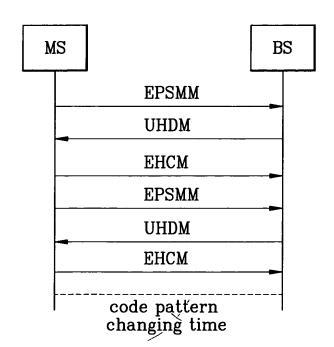
FIG.6

Field	Length(bits)	
NUM_PILOTS	6	

NUM_PILOTS occurrences-of-the-following record:

PILOT_PN	9
PUNCTURE_PATTERN	2
USE_SWAP_TIME	0 or 1
SWAP_ACTION_TIME	0 or 6

FIG.7



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FIG.8

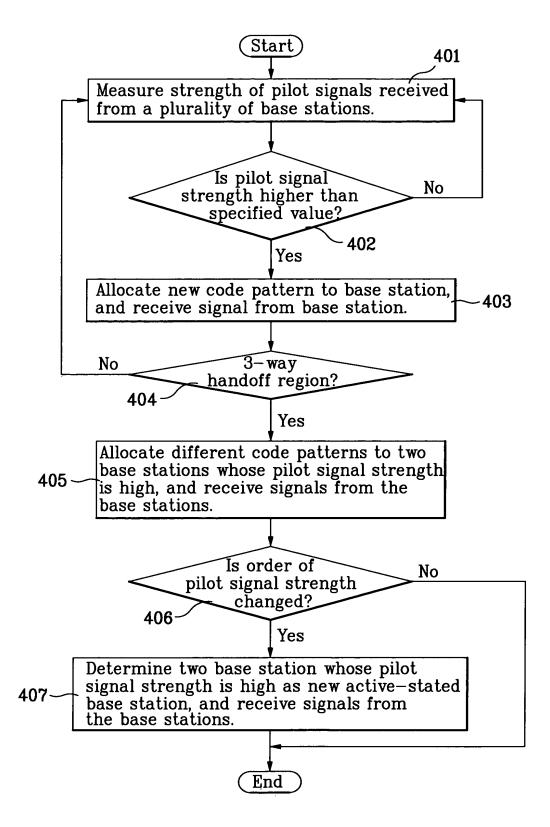


FIG.9

	(a)			(b)
A	В	С		-Active set
1	2	3		A(a), B(b)
1	3	2		A(a), C(b)
2	1	3		A(a), B(b)
2	3	1		A(a), C(b)
3	1	2		B(b), C(a)
3	2	1		B(b), C(a)